

KANEKO, et al., 10/821,847
08 November 2007 Amendment
Responsive to 08 August 2007 Office Action

503.39918VX1 / P5676-1/SK
Page 2

RECEIVED
CENTRAL FAX CENTER

NOV 08 2007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A picture image display device comprising pixels which are formed in a matrix shape defined by a plurality of gate lines and a plurality of data lines crossing thereto and each including an ~~electro-optical element~~organic light emitting diode and a switching element, wherein the pixels are driven while introducing a light quenching period in which the ~~electro-optical element~~organic light emitting diode is caused to be quenched after the plurality of gate lines being scanned for displaying one picture image.

2. (Currently Amended) An active matrix type picture image display device comprising pixels which are formed in a matrix shape defined by a plurality of gate lines and a plurality of data lines crossing thereto and each including an ~~electro-optical element~~organic light emitting diode and a switching element, wherein the pixels are driven while introducing a light quenching period, in which the ~~electro-optical elements~~organic light emitting diodes are caused to be quenched, in one frame period for displaying one picture image.

3. (Currently Amended) A picture image display device comprising pixels which are formed in a matrix shape defined by a plurality of gate lines to which scanning signals are fed and a plurality of data lines crossing thereto to which picture image signals are fed and each including an ~~electro-optical element~~organic

KANEKO, et al., 10/821,847
08 November 2007 Amendment
Responsive to 08 August 2007 Office Action

503.39918VX1 / P5676-1/SK
Page 3

light emitting diode and a thin film transistor, wherein the pixels are driven while introducing a light quenching period, in which the ~~electro-optical element~~organic light emitting diode is caused to be quenched, by feeding scanning signals to the plurality of gate line as well as picture image signals to the plurality of data lines after feeding scanning signals to the plurality of gate lines for displaying one picture image.

4. (Currently Amended) A picture image display device for displaying motion picture images comprising pixels which are formed in a matrix shape defined by a plurality of gate lines to which scanning signals are fed and a plurality of data lines crossing thereto to which picture image signals are fed and each including an ~~electro-optical element~~organic light emitting diode and a thin film transistor, wherein the pixels are driven while introducing a light quenching period, in which the ~~electro-optical elements~~organic light emitting diodes are caused to be quenched, by feeding scanning signals to the plurality of gate lines as well as feeding picture image signals for quenching the ~~electro-optical elements~~organic light emitting diodes to the plurality of data lines in synchronism with the scanning signal after feeding the scanning signals to the plurality of gate lines and causing the ~~electro-optical element~~organic light emitting diode light emission for displaying one picture image, thereby a blurred edge of a motion picture image is prevented.

5. (Currently Amended) A picture image display device comprising pixels which are formed in a matrix shape defined by a plurality of gate lines to which scanning signals are fed and a plurality of data lines crossing thereto to which picture image signals are fed and each including an ~~electro-optical element~~organic

KANEKO, et al., 10/821,847
08 November 2007 Amendment
Responsive to 08 August 2007 Office Action

503.39918VX1 / P5676-1/SK
Page 4

light emitting diode and a thin film transistor, wherein the pixels are driven while introducing a light quenching period, in which the ~~electro-optical elements~~organic light emitting diodes are caused to be quenched, in one frame period for displaying one picture image, and in the light quenching period scanning signals are fed to the plurality of gate lines as well as picture image signals for quenching the ~~electro-optical elements~~organic light emitting diodes are fed to the plurality of data lines in synchronism with the scanning signals.

6. (Currently Amended) A picture image display device comprising pixels which are formed in a matrix shape defined by a plurality of gate lines to which scanning signals are fed and a plurality of data lines crossing thereto to which picture image signals are fed and each including an ~~electro-optical element~~organic light emitting diode and a thin film transistor, and further comprising a display control controller which introduces a light quenching period, in which the ~~electro-optical elements~~organic light emitting diodes are caused to be quenched in one frame period for displaying one picture image, and feeds scanning signals to the plurality of gate lines as well as picture image signals for quenching the ~~electro-optical elements~~organic light emitting diodes to the plurality of data lines in synchronism with the scanning signals in the light quenching period.

7. (Currently Amended) A picture image display device for displaying motion picture images comprising pixels which are formed in a matrix shape defined by a plurality of gate lines to which scanning signals are fed and a plurality of data lines crossing thereto to which picture image signals are fed and each including an electro

KANEKO, et al., 10/821,847
08 November 2007 Amendment
Responsive to 08 August 2007 Office Action

503.39918VX1 / P5676-1/SK
Page 5

~~optical element~~organic light emitting diode and a thin film transistor, wherein the pixels are driven in such a manner that while introducing a light quenching period, in which the ~~electro-optical elements~~organic light emitting diodes are caused to be quenched, between one frame period for displaying one picture image and another frame period for displaying subsequent one picture image, and scanning signals are fed to the plurality of gate lines as well as picture image signals for quenching the ~~electro-optical elements~~organic light emitting diodes are fed to the plurality of data lines in synchronism with the scanning signals in the light quenching period.

8. (Currently Amended) A picture image display device according to claim 3, wherein each pixel includes a first thin film transistor to which the scanning signals are fed via the gate line, a capacitor which holds the picture image signals fed from the data line via the first thin film transistor, a second thin film transistor to which the picture image signals held in the capacitor are fed and an ~~electro-optical element~~organic light emitting diode which is caused light emission by a drive current flowing between a pixel electrode and an opposing electrode of the ~~electro-optical element~~organic light emitting diode when the pixel electrode is electrically connected to a common potential line via the second thin film transistor.

9. (Currently Amended) A picture image display device according to claim 4, wherein each pixel includes a first thin film transistor to which the scanning signals are fed via the gate line, a capacitor which holds the picture image signals fed from the data line via the first thin film transistor, a second thin film transistor to which the picture image signals held in the capacitor are fed and an ~~electro-optical~~

KANEKO, et al., 10/821,847
08 November 2007 Amendment
Responsive to 08 August 2007 Office Action

503.39918VX1 / P5676-1/SK
Page 6

~~element~~organic light emitting diode which is caused light emission by a drive current flowing between a pixel electrode and an opposing electrode of the ~~electro-optical~~ ~~element~~organic light emitting diode when the pixel electrode is electrically connected to a common potential line via the second thin film transistor.

10. (Currently Amended) A picture image display device according to claim 5, wherein each pixel includes a first thin film transistor to which the scanning signals are fed via the gate line, a capacitor which holds the picture image signals fed from the data line via the first thin film transistor, a second thin film transistor to which the picture image signals held in the capacitor are fed and an ~~electro-optical~~ ~~element~~organic light emitting diode which is caused light emission by a drive current flowing between a pixel electrode and an opposing electrode of the ~~electro-optical~~ ~~element~~organic light emitting diode when the pixel electrode is electrically connected to a common potential line via the second thin film transistor.

11. (Currently Amended) A picture image display device according to claim 6, wherein each pixel includes a first thin film transistor to which the scanning signals are fed via the gate line, a capacitor which holds the picture image signals fed from the data line via the first thin film transistor, a second thin film transistor to which the picture image signals held in the capacitor are fed and an ~~electro-optical~~ ~~element~~organic light emitting diode which is caused light emission by a drive current flowing between a pixel electrode and an opposing electrode of the ~~electro-optical~~ ~~element~~organic light emitting diode when the pixel electrode is electrically connected to a common potential line via the second thin film transistor.

KANEKO, et al., 10/821,847
08 November 2007 Amendment
Responsive to 08 August 2007 Office Action

503.39918VX1 / P5676-1/SK
Page 7

12. (Currently Amended) A picture image display device according to claim 7, wherein each pixel includes a first thin film transistor to which the scanning signals are fed via the gate line, a capacitor which holds the picture image signals fed from the data line via the first thin film transistor, a second thin film transistor to which the picture image signals held in the capacitor are fed and an ~~electro-optical element~~organic light emitting diode which is caused light emission by a drive current flowing between a pixel electrode and an opposing electrode of the ~~electro-optical element~~organic light emitting diode when the pixel electrode is electrically connected to a common potential line via the second thin film transistor.

13. (Currently Amended) A picture image display device according to claim 8, wherein the gate lines, the data lines, the first thin film transistors, the second thin film transistors, the capacitors and the ~~electro-optical elements~~organic light emitting diodes are mounted on a common substrate.

14. (Currently Amended) A picture image display device according to claim 9, wherein the gate lines, the data lines, the first thin film transistors, the second thin film transistors, the capacitors and the ~~electro-optical elements~~organic light emitting diodes are mounted on a common substrate.

15. (Currently Amended) A picture image display device according to claim 10, wherein the gate lines, the data lines, the first thin film transistors, the second thin film transistors, the capacitors and the ~~electro-optical elements~~organic light emitting diodes are mounted on a common substrate.

KANEKO, et al., 10/821,847
08 November 2007 Amendment
Responsive to 08 August 2007 Office Action

503.39918VX1 / P5676-1/SK
Page 8

16. (Currently Amended) A picture image display device according to claim 11, wherein the gate lines, the data lines, the first thin film transistors, the second thin film transistors, the capacitors and the ~~electro-optical elements~~organic light emitting diodes are mounted on a common substrate.

17. (Currently Amended) A picture image display device according to claim 12, wherein the gate lines, the data lines, the first thin film transistors, the second thin film transistors, the capacitors and the ~~electro-optical elements~~organic light emitting diodes are mounted on a common substrate.